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(54) PHOTSENSITIVE PLANOGRAPHIC PRINTING PLATE AND IMAGE FORMING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To increase the adhesiveness of a photosensitive layer to a substrate in a planographic printing plate with the photosensitive layer on the surface of the substrate, to improve the developability and printing resistance of the planographic printing plate and to particularly provide a planographic printing plate in which satisfactory image strength and printing resistance are imparted to an image obtained by scanning exposure with laser light.

SOLUTION: In the photosensitive planographic printing plate with a photopolymerizable photosensitive layer containing an ethylenically unsaturated compound, a photopolymerization initiating system and a polymer binder on a substrate obtained by surface-roughening and anodically oxidizing an aluminum plate, the acid value of the photopolymerizable photosensitive layer is adjusted to 25-34.

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